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Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE  
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FOURTH SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

ATTY. DOCKET NO.  
484112.417C1

APPLICATION NO.  
09/684,883

APPLICANTS  
Bernard R. Brodeur

FILING DATE  
October 6, 2000

GROUP ART UNIT  
1645

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/MN/	AA	5,106,726	4/21/92	Wang	435	5	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AB					
	AC					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/MN/	AD	Cannon et al., "Monoclonal Antibody that Recognizes an Outer Membrane Antigen Common to the Pathogenic <i>Neisseria</i> Species but not to Most Nonpathogenic <i>Neisseria</i> Species," <i>Infection and Immunity</i> 43(3):994-999, March 1984.
/MN/	AE	Costa et al., "Meningococcal Disease in São Paulo, Brazil," <i>NIPH Annals</i> 14(2):215-218, December 1991.
/MN/	AF	Frasch et al., "Development and Evaluation of Group B Serotype 2 Protein Vaccines: Report of a Group B Field Trial," <i>Medecine Tropicale</i> 43(2):177-180 (1983).
/MN/	AG	Goldschneider et al., "Human Immunity to the Meningococcus: The Role of Humoral Antibodies," <i>Journal of Experimental Medicine</i> 129:1307-1326, 1969.
/MN/	AH	Goldschneider et al., "Human Immunity to the Meningococcus: Development of Natural Immunity," <i>Journal of Experimental Medicine</i> 129:1327-1348, 1969.
/MN/	AI	Sierra et al., "Vaccine Against Group B <i>Neisseria</i> Meningitidis: Protection Trial and Mass Vaccination Results in Cuba," <i>NIPH Annals</i> 14(2):195-210, December 1991.
/MN/	AJ	Wang et al., "Development of a <i>Neisseria meningitidis</i> Group B Serotype 2b Protein Vaccine and Evaluation in a Mouse Model," <i>Infection and Immunity</i> 46(2):408-414, November 1984.
/MN/	AK	Wedge et al., "Human Immunoglobulin G Subclass Immune Response to Outer Membrane Antigens in Meningococcal Group B Vaccine," <i>Journal of Clinical Microbiology</i> 25(8):1349-1353, August 1987.
/MN/	AL	Zollinger et al., "Meningococcal Serogroup B Vaccine Protection Trial and Follow-up Studies in Chile," <i>NIPH Annals</i> 14(2):211-213, December 1991.
	AM	
	AN	
	AO	

EXAMINER  
/Albert M Navarro/

DATE CONSIDERED  
04/23/2007

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

Application Number	09684883
Filing Date	2000-10-06
First Named Inventor	Bernard R. Brodeur
Art Unit	1645
Examiner Name	Albert Mark Navarro
Attorney Docket Number	484112.417C1

## **U.S. PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5100720		1992-04-21	Wang	Duplicate

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## **U.S. PATENT APPLICATION PUBLICATIONS**

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/Albert M Navarro/

04/23/2007

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Examiner Name	Albert Mark Navarro
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<del>C</del>	<del>1</del>	<del>CANNON et al., "Monoclonal Antibody that Recognizes an Outer Membrane Antigen Common to the Pathogenic Neisseria Species but not to Most Nonpathogenic Neisseria Species," Infection and Immunity 43(3):994-999, March 1984.</del>	<input type="checkbox"/>
<del>C</del>	<del>2</del>	<del>OGOTA et al., "Meningococcal Disease in Sao Paulo, Brazil," NIPH Annals 14(2):213-216, December 1991.</del>	<input type="checkbox"/>
<del>W</del>	<del>3</del>	<del>GOLDSCHNEIDER et al., "Human Immunity to the Meningococcus: The Role of Humoral Antibodies," Journal of Experimental Medicine 129:1307-1326, 1969.</del>	<input type="checkbox"/>
<del>W</del>	<del>4</del>	<del>GOLDSCHNEIDER et al., "Human Immunity to the Meningococcus: Development of Natural Immunity," Journal of Experimental Medicine 129:1327-1348, 1969.</del>	<input type="checkbox"/>
<del>H</del>	<del>5</del>	<del>SIERRA et al., "Vaccine Against Group B Neisseria Meningitidis: Protection Trial and Mass Vaccination Results in Cuba," NIPH Annals 14(2):193-210, December 1991.</del>	<input type="checkbox"/>
<del>P</del>	<del>6</del>	<del>WANG et al., "Development of a Neisseria meningitidis Group B Serotype 2b Protein Vaccine and Evaluation in a Mouse Model," Infection and Immunity 46(2):408-414, November 1984.</del>	<input type="checkbox"/>
<del>P</del>	<del>7</del>	<del>WEDEGE et al., "Human Immunoglobulin G Subclass Immune Response to Outer Membrane Antigens in Meningococcal Group B Vaccine," Journal of Clinical Microbiology 25(8):1349-1353, August 1967.</del>	<input type="checkbox"/>
<del>W</del>	<del>8</del>	<del>ZOLLINGER et al., "Meningococcal Serogroup B Vaccine Protection Trial and Follow-up Studies in Chile," NIPH Annals 14(2):211-213, December 1991.</del>	<input type="checkbox"/>

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## **EXAMINER SIGNATURE**

Examiner Signature	/Albert M Navarro/	Date Considered	04/23/2007
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<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.